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A CATALOG OF THE NORTH-SOUTH VISIBILITY FUNCTIONS OF RADIO SOURCES AT 1425 MHz

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I. INTRODUCTION

Observations with a North-South interferometer were made in 1966 using the two 90-foot paraboloids at the Owens Valley Radio Observatory to determine the strip-scan distribution in position angle 0° for a large number of extra-galactic radio sources. The frequency of the observations was 1425 MHz. In conjunction with other data taken with an East-West interferometer (Fomalont 1967; hereafter called Paper I) and off-transit data taken in 1966 and 1967, two-dimensional structures can be deduced for the sources. These results will be published elsewhere (small-diameter sources, Fomalont and Moffet 1971; large-diameter sources, Fomalont 1971).

The list of the North-South visibility functions is given here. Only the large diameter sources (>60") are included. The visibility functions for the small-diameter sources can be inferred from the North-South diameter or the diameter limit given in Fomalont and Moffet (1971).

II. OBSERVATION, CALIBRATION AND REDUCTION

The details of the interferometer system, antenna characteristics and observational techniques are given in Paper I. North-South observations were made with antenna spacings of 200, 400, 800 and 1600 feet, in September 1966. Most of the sources listed here were observed two or three times at each spacing. The projected baseline at 1600 feet is 2313 cos (ϕ-δ) wavelengths where $\underline{\phi}$ = 37°14' is the latitude of the Observatory and $\underline{\delta}$ is the source declination. Many of the sources in the original survey south of declination -35° (see Paper I) were not included since the projected spacing is too short for effective synthesis. Each observation was eight minutes in duration and taken within fifteen minutes of transit. Observations were made of one linearly-polarized component at position angle 0°.

The reduction process has been described by Fomalont, Wyndham and Bartlett (1967) and in Paper I. The calibrators for the observations are given in Table 1. Using these sources as reference, accurate values for the orientation and separation of the interferometer, the phase drift of the system and the gain variation of the receivers were determined. A typical gain calibration scatter was 5%, and a typical phase calibration scatter was 0.010 fringe.

The compilation of the source list was described in Paper I. Sources over 2.0 flux units found in the Parkes 0° to -20° survey (Shimmons et al., 1966) were also included and a few very large sources were excluded. The completeness of the source list (Table I, Paper I) is reasonably correct. A nearly complete catalogue of sources above 2.0 flux units (Bridle, Davis, Lequeux 1971) shows that the list is 77% complete between -5° and +70° declination. Between 0° to +20° the completeness is about 90% and probably as low as 80% between -20° and -50° declination. North of -35° declination the combined source list of this paper and the small-diameter paper (Fomalont and Moffet 1971) is nearly identical with that in Paper I.

III. VISIBILITY FUNCTIONS

The visibility functions are shown in Table 2. The source name, right ascension and declination (epoch 1950.0) and the normalizing flux density $\underline{S}$ are listed under "Source Parameters." The phase has been normalized to the listed declination. Except for a few sources, the position in this paper is the same as that listed in Paper I. The projected North-South spacing $\underline{v}$ in wavelengths is given in column 2. The visibility function $\underline{\tilde{V}(v)}$ expressed as an amplitude $\underline{V(v)}$ normalized to the listed flux density, and phase $\underline{\phi}(v)$ in

units of a fringe are shown in column 3 and 4 with their standard errors. The visibility function is related to the North-South strip distribution T(y) by

$$\overline{V}(v) \equiv V(v)\ e^{i\phi(v)} = \frac{1}{S} \int T(y)\ e^{i2\pi yv}\ dy$$

The phase sense is such that an increasing phase corresponds to increasing declination. The number of observations is given in column 5. Two separate table pages have been placed on one leaf.

ACKNOWLEDGEMENTS

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Table 1

CALIBRATOR SOURCES

Source	Flux Density 1425 MHz	Right Ascension 1950.0	Declination 1950.0
3C2	3.6	$00^h03^m48^s.7$	-00°21'07"
3C9	2.1	00 17 49.8	+15 24 17
P0021-29	2.9	00 22 00.6	-29 45 27
3C43	2.9	01 27 15.2	+23 22 52
3C48	15.6	01 34 49.8	+32 54 20
3C49	2.8	01 38 28.6	+13 38 22
P0157-31	3.7	01 57 58.3	-31 07 54
3C63	3.4	02 18 21.9	-02 10 33
00222-23	1.9	02 22 45.8	-23 26 14
3C71	5.0	02 40 07.1	-00 13 32
CTA 21	8.0	03 16 08.9	+16 17 41
3C91	3.3	03 34 03.9	+50 36 03
3C93	2.7	03 40 51.5	+04 48 22
3C119	8.4	04 29 07.8	+41 32 09
P0438-43	6.6	04 38 43.8	-43 38 51
P0454-20	4.5	04 53 14.2	-20 39 00
3C133	5.5	04 59 54.3	+25 12 11
3C138	9.6	05 18 16.5	+16 35 26
3C147	22.0	05 38 43.5	+49 49 43
3C153	4.2	06 05 44.5	+48 04 51
3C171	3.8	06 51 11.0	+54 12 48
P0704-23	3.5	07 04 27.3	-23 06 58
3C181	2.4	07 25 20.4	+14 43 47
P0736+01	2.5	07 36 42.6	+01 43 58
3C186	1.3	07 40 56.7	+38 00 32
3C196	14.1	08 09 59.4	+48 22 08
P0825-20	3.8	08 25 03.9	-20 16 31
3C207	2.6	08 38 01.7	+13 23 05
3C212	2.6	08 55 55.6	+14 21 42
3C216	3.9	09 06 17.3	+43 05 59
3C245	3.0	10 40 06.1	+12 19 15
3C254	3.2	11 11 53.4	+40 53 57
P1116+12	2.5	11 16 20.8	+12 51 06
P1151-34	6.7	11 43 02.9	-34 48 51
3C270.1	2.6	12 18 04.0	+33 59 50

Table 1 (continued)

Source	Flux Density 1425 MHz	Right Ascension 1950.0	Declination
P1245-19	5.5	$12^h45^m45^s.0$	-19°42'59"
3C277.1	2.5	12 50 15.3	+56 50 37
3C279	*	12 53 35.9	-05 31 08
P1327-21	2.0	13 27 24.2	-21 27 11
3C287	7.5	13 28 16.1	+25 24 37
3C286	15.3	13 28 49.7	+30 45 59
P1335-06	3.3	13 35 31.3	-06 11 57
3C288	3.4	13 36 38.7	+39 06 23
3C295	22.6	14 09 33.5	+52 26 12
3C298	6.0	14 16 38.6	+06 41 42
P1420-27	2.5	14 19 55.5	-27 14 21
3C305	2.9	14 48 17.6	+63 28 37
3C309.1	8.4	14 58 58.1	+71 52 12
P1510-08	*	15 10 09.0	-08 54 47
P1514-24	2.3	15 14 45.2	-24 11 18
3C318	2.6	15 17 50.9	+20 26 54
3C345	*	16 41 17.7	+39 54 11
3C351	3.1	17 04 04.4	+60 48 48
P1827-36	7.5	18 27 36.9	-36 04 36
3C380	14.4	18 28 13.4	+48 42 39
P1938-15	6.7	19 38 24.4	-15 31 33
3C401	4.9	19 39 38.8	+60 34 32
3C424	2.4	20 45 44.1	+06 50 11
P2115-30	2.6	21 15 11.6	-30 31 57
3C348	6.9	21 53 45.5	+37 46 13
3C446	6.0	22 23 11.1	-05 12 17
CTA102	6.7	22 30 07.7	+11 28 22
3C454.3	*	22 51 29.3	+15 52 56
P2259-37	2.7	22 59 37.4	-37 34 12
3C459	4.6	23 14 02.3	+03 48 56
P2322-12	1.8	23 22 43.7	-12 23 56

* Variable Source. Not used for intensity calibration.

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
P0002+12				
RA 00 02 17.0	262	0.89 (.04)	0.022 (.005)	3
DEC 12 31 54	525	0.72 (.03)	0.007 (.008)	3
FLUX 2.4	1049	0.46 (.07)	0.076 (.009)	3
	2095	0.19 (.03)	-0.379 (.021)	3
P0007+12				
RA 00 07 17.8	262	0.97 (.05)	-0.041 (.008)	2
DEC 12 28 12	524	0.70 (.05)	-0.088 (.012)	3
FLUX 1.7	1049	0.13 (.04)	-0.482 (.041)	3
	2094	0.28 (.04)	0.338 (.036)	3
P0020-25				
RA 00 20 38.6	133	1.07 (.04)	0.018 (.005)	2
DEC -25 19 18	267	1.01 (.04)	0.007 (.008)	2
FLUX 2.2	532	0.88 (.04)	0.025 (.007)	2
	1063	0.85 (.05)	0.015 (.014)	4
P0045-25 NGC253				
RA 00 45 07.0	132	0.96 (.02)	0.025 (.003)	2
DEC -25 33 52	264	0.76 (.02)	0.022 (.004)	2
FLUX 6.0	530	0.53 (.01)	0.036 (.006)	2
	1055	0.45 (.03)	0.069 (.009)	2
3C28				
RA 00 53 09.0	283	0.94 (.06)	0.018 (.008)	2
DEC 26 08 25	567	0.68 (.04)	0.007 (.013)	3
FLUX 1.6	1133	1.02 (.12)	-0.031 (.008)	2
	2263	0.63 (.04)	-0.084 (.011)	5
3C31				
RA 01 04 41.0	288	0.41 (.02)	-0.051 (.006)	2
DEC 32 08 45	575	0.07 (.01)	-0.234 (.038)	3
FLUX 5.0	1150	0.22 (.02)	0.170 (.011)	2
	2297	0.08 (.02)	0.186 (.031)	2
3C33.1				
RA 01 06 06.0	234	0.95 (.03)	0.052 (.005)	2
DEC 72 54 51	469	0.69 (.03)	0.136 (.008)	2
FLUX 3.0	938	0.23 (.03)	0.456 (.034)	2
	1873	0.40 (.05)	-0.003 (.009)	4

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
3C33 P0106+13				
RA 01 06 13.9	264	0.80 (.01)	0.002 (.003)	2
DEC 13 03 30	527	0.44 (.01)	-0.126 (.003)	3
FLUX 12.3	1054	0.75 (.04)	-0.247 (.005)	2
	2104	0.47 (.02)	0.496 (.009)	2
P0128+03				
RA 01 28 36.0	242	0.33 (.04)	0.020 (.013)	2
DEC 03 58 36	483	0.65 (.02)	0.333 (.009)	3
FLUX 2.5	966	0.17 (.03)	0.266 (.031)	2
	1929	0.74 (.05)	-0.133 (.009)	2
P0131-36				
RA 01 31 42.0	161	0.99 (.03)	0.006 (.003)	2
DEC -36 44 36	321	0.82 (.02)	0.029 (.005)	2
FLUX 7.1	640	0.42 (.01)	0.035 (.006)	4
3C55				
RA 01 54 20.4	285	0.91 (.03)	-0.022 (.005)	2
DEC 28 37 10	571	0.98 (.04)	-0.014 (.007)	2
FLUX 2.6	1142	0.96 (.03)	-0.040 (.006)	2
	2280	0.86 (.04)	-0.078 (.008)	3
3C58				
RA 02 01 49.0	256	0.91 (.01)	-0.007 (.003)	2
DEC 64 35 14	513	0.71 (.01)	-0.003 (.002)	2
FLUX 34.2	1026	0.24 (.01)	0.069 (.005)	2
	2048	0.02 (.00)	0.329 (.020)	2
3C59				
RA 02 04 09.1	286	1.05 (.07)	-0.024 (.007)	2
DEC 29 17 04	572	0.83 (.03)	-0.050 (.009)	2
FLUX 2.3	1144	0.43 (.03)	-0.068 (.011)	3
	2284	0.32 (.03)	0.271 (.017)	2
3C64 P0219+08				
RA 02 19 19.6	253	1.08 (.04)	-0.044 (.020)	2
DEC 08 13 50	505	1.15 (.07)	-0.075 (.006)	2
FLUX 2.4	1010	0.98 (.03)	-0.161 (.005)	3
	2017	0.63 (.03)	-0.335 (.011)	2

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SPACING N/S	VIS AMP	VIS PHASE	NO
3C66				
RA 02 19 57.6	287	0.73 (.01)	0.011 (.003)	2
DEC 42 45 47	575	0.29 (.02)	-0.074 (.013)	2
FLUX 9.7	1149	0.33 (.01)	-0.002 (.010)	2
	2295	0.23 (.05)	0.024 (.010)	2
3C73				
RA 02 47 03.0	289	0.88 (.05)	-0.017 (.007)	2
DEC 39 22 30	577	1.15 (.05)	-0.065 (.007)	3
FLUX 1.9	1154	1.05 (.04)	-0.086 (.006)	3
	2305	0.66 (.05)	-0.202 (.019)	2
3C75 P0255+05				
RA 02 55 04.5	247	0.82 (.02)	0.005 (.003)	3
DEC 05 50 43	493	0.49 (.04)	-0.015 (.006)	2
FLUX 6.3	986	0.14 (.02)	-0.276 (.011)	3
	1969	0.05 (.01)	-0.133 (.030)	4
3C76.1 P0300+16				
RA 03 00 27.8	270	1.06 (.03)	-0.014 (.007)	2
DEC 16 14 37	539	0.95 (.03)	-0.019 (.007)	2
FLUX 2.6	1078	0.69 (.03)	-0.032 (.008)	3
	2153	0.02 (.02)	-0.361 (.137)	4
3C78 P0305+03				
RA 03 05 48.5	241	1.02 (.01)	0.005 (.004)	3
DEC 03 55 13	483	1.01 (.02)	0.009 (.002)	3
FLUX 7.1	965	0.85 (.01)	0.022 (.007)	3
	1927	0.46 (.02)	0.028 (.009)	2
3C83.1				
RA 03 14 56.9	288	0.41 (.01)	-0.061 (.011)	2
DEC 41 43 46	576	0.21 (.01)	-0.257 (.010)	2
FLUX 8.4	1151	0.15 (.02)	0.198 (.030)	3
	2299	0.02 (.01)	-0.490 (.098)	3
3C84				
RA 03 16 28.7	288	0.89 (.02)	-0.012 (.008)	2
DEC 41 19 52	576	0.76 (.01)	-0.011 (.002)	2
FLUX 13.5	1152	0.69 (.01)	0.014 (.005)	3
	2300	0.66 (.01)	0.011 (.007)	3

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SPACING N/S	VIS AMP	VIS PHASE	NO
3C86				
RA 03 23 35.3	275	0.95 (.01)	0.001 (.003)	2
DEC 55 10 11	549	0.86 (.02)	0.007 (.004)	1
FLUX 8.3	1099	0.75 (.01)	-0.059 (.005)	2
	2194	0.86 (.03)	-0.053 (.009)	2
3C88 P0325+02				
RA 03 25 18.9	237	1.00 (.02)	0.005 (.005)	2
DEC 02 23 20	474	0.84 (.03)	0.008 (.008)	2
FLUX 5.0	948	0.50 (.01)	0.034 (.005)	3
	1893	0.12 (.02)	0.430 (.021)	2
3C89 P0331-01				
RA 03 31 42.5	226	0.95 (.04)	-0.004 (.005)	2
DEC -1 21 16	451	0.97 (.03)	0.003 (.005)	3
FLUX 2.8	903	0.78 (.03)	0.006 (.007)	2
	1803	0.28 (.03)	-0.003 (.017)	2
P0344-34				
RA 03 44 36.0	181	1.27 (.03)	-0.027 (.005)	2
DEC -34 31 30	362	1.09 (.03)	-0.053 (.006)	2
FLUX 2.8	723	0.73 (.03)	-0.117 (.006)	4
3C95 P0349-14				
RA 03 49 09.9	178	0.98 (.03)	0.0 (.004)	3
DEC -14 38 09	357	0.80 (.03)	-0.006 (.008)	2
FLUX 2.8	713	0.51 (.02)	-0.056 (.007)	3
	1424	0.67 (.03)	-0.388 (.010)	2
P0349-27				
RA 03 49 33.0	244	0.86 (.04)	-0.015 (.004)	2
DEC -27 53 06	486	0.56 (.01)	-0.310 (.006)	2
FLUX 6.0	972	0.35 (.01)	0.164 (.010)	2
3C98 P0356+10				
RA 03 56 11.3	257	0.86 (.01)	0.011 (.003)	3
DEC 10 17 32	515	0.31 (.01)	0.103 (.005)	3
FLUX 9.7	1030	0.62 (.01)	0.371 (.005)	2
	2056	0.20 (.01)	-0.257 (.012)	2

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS		SOURCE OBSERVATIONS			
		SPACING N/S	VIS AMP	VIS PHASE	NO
3C103					
RA	04 04 35.4	287	0.86 (.02)	-0.041 (.004)	2
DEC	42 52 51	575	0.74 (.02)	-0.077 (.005)	2
FLUX	5.3	1149	0.33 (.02)	-0.193 (.008)	2
		2295	0.65 (.02)	0.379 (.008)	4
3C105	P0404+03				
RA	04 04 45.4	240	0.92 (.02)	0.013 (.004)	2
DEC	03 33 18	481	0.71 (.02)	-0.010 (.005)	2
FLUX	5.2	962	0.79 (.02)	-0.130 (.005)	2
		1919	0.68 (.02)	-0.262 (.011)	2
3C111					
RA	04 15 01.7	289	0.96 (.01)	-0.038 (.003)	3
DEC	37 55 02	577	0.81 (.01)	-0.069 (.002)	2
FLUX	14.9	1155	0.28 (.01)	-0.096 (.004)	3
		2306	0.29 (.01)	0.057 (.005)	5
3C120	P0430+05				
RA	04 30 30.7	245	0.95 (.03)	0.023 (.004)	2
DEC	05 14 40	490	0.88 (.02)	0.044 (.005)	2
FLUX	3.9	979	0.90 (.02)	0.081 (.006)	2
		1956	0.95 (.05)	0.183 (.009)	2
P0442-28					
RA	04 42 37.0	240	0.99 (.02)	0.011 (.003)	2
DEC	-28 15 23	479	0.83 (.02)	0.016 (.005)	2
FLUX	6.8	958	0.72 (.03)	0.035 (.009)	2
3C129					
RA	04 45 21.3	286	0.76 (.01)	0.040 (.003)	3
DEC	44 56 18	572	0.54 (.01)	0.084 (.005)	2
FLUX	8.1	1144	0.17 (.01)	0.005 (.009)	2
		2285	0.09 (.02)	0.342 (.018)	2
P0456-30					
RA	04 56 30.3	222	1.08 (.05)	-0.055 (.006)	2
DEC	-30 10 48	444	0.76 (.03)	-0.130 (.007)	2
FLUX	2.6	886	0.33 (.03)	-0.286 (.019)	2

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS		SOURCE OBSERVATIONS			
		SPACING N/S	VIS AMP	VIS PHASE	NO
3C130					
RA	04 48 56.0	279	0.77 (.02)	0.009 (.008)	3
DEC	51 59 45	558	0.51 (.02)	-0.041 (.010)	3
FLUX	2.9	1117	0.19 (.03)	-0.313 (.026)	2
		2230	0.19 (.04)	-0.401 (.016)	5
3C134					
RA	05 01 17.6	289	0.87 (.01)	-0.003 (.003)	3
DEC	38 01 58	577	0.52 (.01)	0.008 (.004)	2
FLUX	9.3	1155	0.35 (.01)	-0.431 (.006)	2
		2306	0.09 (.01)	0.375 (.020)	3
3C135	P0511+00				
RA	05 11 28.4	233	0.85 (.04)	0.031 (.005)	2
DEC	00 53 08	465	0.70 (.02)	-0.018 (.007)	2
FLUX	3.4	931	0.85 (.03)	-0.007 (.006)	2
		1858	0.65 (.03)	0.027 (.020)	2
P0511-30					
RA	05 11 40.0	219	0.45 (.03)	-0.035 (.012)	2
DEC	-30 31 42	438	0.37 (.02)	-0.371 (.008)	3
FLUX	3.2	874	0.08 (.02)	0.470 (.050)	2
3C139.2					
RA	05 21 13.0	285	1.11 (.07)	-0.004 (.004)	4
DEC	28 10 07	570	0.98 (.04)	0.008 (.010)	2
FLUX	1.8	1140	0.83 (.04)	-0.005 (.009)	2
		2278	0.32 (.04)	-0.005 (.021)	2
3C147.1	P0539-01				
RA	05 39 11.0	224	0.81 (.01)	-0.008 (.002)	3
DEC	-1 55 29	448	0.57 (.01)	-0.046 (.001)	2
FLUX	64.6	896	0.31 (.00)	-0.199 (.004)	3
		1789	0.10 (.00)	0.457 (.015)	2
3C159					
RA	06 21 35.0	288	0.62 (.03)	-0.019 (.010)	3
DEC	40 05 40	577	0.97 (.03)	-0.053 (.008)	2
FLUX	2.3	1153	0.92 (.03)	-0.072 (.006)	3
		2303	0.61 (.03)	-0.106 (.010)	3

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
P0625-35				
RA 06 25 21.0	172	0.95 (.02)	-0.006 (.003)	3
DEC -35 27 12	344	0.92 (.02)	-0.009 (.004)	3
FLUX 4.5	687	0.94 (.03)	-0.048 (.009)	2
3C165				
RA 06 40 06.5	280	0.91 (.02)	0.018 (.004)	4
DEC 23 22 05	561	0.65 (.03)	0.009 (.008)	3
FLUX 2.8	1121	0.70 (.04)	-0.012 (.011)	2
	2239	0.07 (.02)	0.140 (.044)	3
P0656-24				
RA 06 56 55.0	138	0.92 (.03)	-0.056 (.006)	3
DEC -24 12 02	277	0.95 (.03)	-0.091 (.006)	2
FLUX 3.1	553	0.92 (.03)	-0.201 (.006)	2
	1103	0.95 (.03)	-0.401 (.009)	2
3C172				
RA 06 59 04.0	283	0.92 (.03)	0.023 (.005)	2
DEC 25 17 53	565	0.75 (.02)	0.035 (.010)	3
FLUX 3.1	1130	0.14 (.02)	0.002 (.021)	3
	2257	0.83 (.03)	-0.319 (.009)	2
P0707-35				
RA 07 07 39.0	169	0.87 (.06)	-0.015 (.009)	3
DEC -35 57 00	335	0.46 (.03)	-0.059 (.012)	3
FLUX 1.8	668	0.61 (.03)	-0.415 (.010)	2
P0715-36				
RA 07 15 21.0	167	1.09 (.05)	-0.026 (.006)	3
DEC -36 15 48	329	0.98 (.04)	-0.051 (.007)	2
FLUX 2.2	656	0.80 (.03)	-0.144 (.009)	4
3C180 P0724-01				
RA 07 24 33.3	224	1.00 (.03)	-0.006 (.007)	3
DEC -1 58 24	449	0.87 (.03)	-0.017 (.008)	2
FLUX 2.6	895	0.58 (.03)	-0.065 (.014)	3
	1787	0.37 (.03)	0.409 (.015)	2

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
3C184.1				
RA 07 34 22.8	210	0.95 (.03)	-0.078 (.008)	3
DEC 80 34 33	420	0.74 (.02)	-0.141 (.011)	2
FLUX 3.2	840	0.13 (.02)	-0.203 (.042)	2
	1677	0.58 (.03)	0.035 (.010)	2
3C187 P0742+02				
RA 07 42 29.0	236	0.93 (.07)	0.0 (.011)	2
DEC 02 07 44	472	0.74 (.06)	-0.019 (.012)	3
FLUX 1.6	945	0.19 (.04)	0.499 (.070)	3
	1887	0.84 (.06)	0.386 (.010)	3
P0750-26				
RA 07 50 27.0	130	0.97 (.03)	0.006 (.003)	3
DEC -26 16 30	258	0.53 (.01)	-0.080 (.004)	3
FLUX 11.0	518	0.16 (.01)	-0.268 (.008)	2
	1029	0.04 (.01)	0.052 (.025)	2
3C192				
RA 08 02 35.0	281	0.99 (.08)	0.019 (.004)	2
DEC 24 18 28	563	0.82 (.02)	0.012 (.004)	2
FLUX 5.2	1126	0.51 (.01)	0.008 (.006)	3
	2248	0.06 (.01)	-0.330 (.025)	3
3C195 P0806-10				
RA 08 06 30.0	195	1.00 (.04)	0.004 (.004)	2
DEC -10 18 47	390	0.85 (.02)	-0.033 (.010)	2
FLUX 4.2	783	0.54 (.02)	-0.067 (.007)	2
	1557	0.22 (.02)	-0.409 (.015)	2
P0807-38				
RA 08 07 44.0	138	1.16 (.05)	-0.012 (.005)	3
DEC -38 56 24	277	0.96 (.03)	-0.007 (.007)	2
FLUX 2.3	553	0.87 (.04)	-0.034 (.010)	2
P0812+02				
RA 08 12 51.0	236	0.80 (.07)	0.024 (.011)	2
DEC 02 04 48	472	0.92 (.05)	-0.044 (.007)	3
FLUX 2.4	944	0.73 (.07)	-0.096 (.006)	3
	1886	0.52 (.03)	-0.316 (.041)	2

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
P0819-30				
RA 08 19 27.0	226	0.77 (.03)	0.077 (.007)	2
DEC -30 02 48	452	0.38 (.02)	0.213 (.010)	2
FLUX 3.3	892	0.34 (.02)	-0.274 (.016)	4
3C198 P0819+06				
RA 08 19 52.3	495	0.35 (.03)	-0.107 (.018)	3
DEC 06 06 47	989	0.33 (.03)	0.472 (.013)	3
FLUX 2.2	1974	0.09 (.03)	0.352 (.058)	2
P0843-33				
RA 08 43 10.0	191	0.70 (.03)	0.014 (.009)	2
DEC -33 37 06	380	0.42 (.03)	0.039 (.011)	2
FLUX 2.8	757	0.19 (.03)	-0.023 (.022)	3
HYA A 3C218				
RA 09 15 41.3	189	1.04 (.01)	0.010 (.002)	3
DEC -11 53 04	379	0.95 (.01)	0.0 (.006)	2
FLUX 42.3	758	0.82 (.01)	-0.005 (.004)	3
	1510	0.55 (.01)	-0.018 (.011)	2
3C219				
RA 09 17 50.3	285	0.91 (.02)	0.020 (.003)	3
DEC 45 51 32	571	0.68 (.01)	0.042 (.003)	3
FLUX 8.0	1142	0.08 (.01)	-0.402 (.015)	3
	2280	0.37 (.02)	-0.298 (.010)	4
P0935-28				
RA 09 35 48.8	234	1.03 (.05)	-0.002 (.012)	3
DEC -28 59 06	469	0.96 (.09)	0.009 (.008)	2
FLUX 1.7	931	0.56 (.10)	-0.023 (.015)	2
3C223				
RA 09 36 50.4	289	0.89 (.05)	0.008 (.009)	2
DEC 36 07 35	577	0.18 (.02)	0.439 (.037)	3
FLUX 3.4	1155	0.46 (.02)	-0.451 (.007)	3
	2305	0.24 (.02)	-0.392 (.011)	3

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
3C225 P0939+14				
RA 09 39 30.4	265	0.47 (.02)	-0.041 (.008)	3
DEC 14 00 30	531	0.90 (.08)	-0.174 (.010)	3
FLUX 4.5	1061	0.90 (.02)	-0.324 (.007)	2
	2119	0.77 (.03)	0.353 (.006)	3
3C227				
RA 09 45 08.3	251	1.08 (.01)	-0.014 (.003)	3
DEC 07 39 25	502	1.02 (.03)	-0.062 (.022)	2
FLUX 7.5	1005	0.97 (.03)	-0.077 (.005)	3
	2006	0.73 (.02)	-0.152 (.014)	2
3C231				
RA 09 51 45.3	486	0.97 (.02)	-0.002 (.002)	3
DEC 69 54 56	972	0.83 (.01)	0.038 (.005)	2
FLUX 8.6	1940	0.75 (.03)	0.027 (.015)	1
P0955-28				
RA 09 55 50.0	234	0.73 (.03)	-0.011 (.011)	3
DEC -28 50 12	469	0.56 (.04)	0.049 (.012)	2
FLUX 1.8	936	0.81 (.04)	0.136 (.019)	2
3C234				
RA 09 58 57.0	286	0.95 (.01)	0.010 (.003)	3
DEC 29 01 30	572	0.93 (.01)	0.033 (.006)	3
FLUX 5.4	1143	0.83 (.02)	0.057 (.004)	3
	2283	0.32 (.01)	0.065 (.019)	2
P1002-21				
RA 10 02 49.0	150	0.58 (.05)	0.011 (.013)	2
DEC -21 33 18	299	0.55 (.04)	0.420 (.017)	2
FLUX 1.9	598	0.59 (.04)	0.364 (.015)	2
	1195	0.32 (.05)	0.235 (.022)	3
3C236				
RA 10 03 00.3	289	0.68 (.02)	-0.016 (.004)	4
DEC 35 08 49	577	0.80 (.02)	0.015 (.008)	3
FLUX 4.3	1154	0.78 (.02)	-0.018 (.006)	2
	2305	0.73 (.03)	-0.002 (.011)	2

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS		SOURCE OBSERVATIONS			
		SPACING N/S	VIS AMP	VIS PHASE	NO
3C246	P1049-09				
RA	10 48 58.5	203	0.79 (.03)	-0.024 (.012)	3
DEC	-9 07 02	400	0.75 (.03)	0.012 (.016)	3
FLUX	2.2	798	0.80 (.03)	-0.073 (.006)	3
		1595	0.40 (.02)	-0.110 (.012)	3
3C247					
RA	10 56 10.0	287	0.77 (.02)	-0.001 (.004)	3
DEC	43 17 35	574	0.67 (.02)	-0.010 (.008)	3
FLUX	3.9	1148	0.76 (.02)	-0.033 (.005)	3
		2293	0.68 (.03)	-0.080 (.009)	2
P1123-35					
RA	11 23 29.0	177	0.92 (.03)	0.016 (.009)	2
DEC	-35 07 18	351	0.94 (.03)	0.042 (.005)	3
FLUX	2.4	699	0.75 (.03)	0.073 (.026)	2
3C263					
RA	11 37 10.0	253	1.04 (.02)	0.003 (.004)	3
DEC	66 04 26	506	0.84 (.04)	0.021 (.010)	1
FLUX	3.0	1011	1.05 (.03)	0.006 (.012)	2
		2020	0.92 (.03)	-0.004 (.009)	2
3C264	P1142+19				
RA	11 42 33.0	276	0.86 (.01)	0.060 (.003)	3
DEC	19 53 03	551	0.64 (.03)	0.110 (.005)	2
FLUX	5.9	1102	0.53 (.02)	0.098 (.005)	3
		2202	0.23 (.01)	0.188 (.012)	2
3C265					
RA	11 42 53.0	287	1.03 (.03)	0.001 (.005)	3
DEC	31 50 25	575	1.03 (.02)	0.025 (.005)	3
FLUX	2.9	1150	0.93 (.02)	-0.019 (.005)	3
		2295	0.70 (.03)	-0.032 (.010)	2
P1143-31					
RA	11 43 44.3	210	0.88 (.03)	0.010 (.008)	3
DEC	-31 41 12	417	0.70 (.04)	0.060 (.009)	2
FLUX	2.0	831	0.48 (.03)	0.196 (.012)	4

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS		SOURCE OBSERVATIONS			
		SPACING N/S	VIS AMP	VIS PHASE	NO
3C267	P1147+13				
RA	11 47 21.8	263	1.04 (.03)	0.002 (.006)	3
DEC	13 04 05	527	0.77 (.03)	-0.013 (.011)	3
FLUX	2.5	1054	0.91 (.03)	-0.036 (.007)	2
		2105	0.88 (.04)	-0.046 (.010)	2
P1215+03					
RA	12 15 01.0	242	0.73 (.04)	-0.093 (.009)	3
DEC	03 56 37	483	0.07 (.04)	-0.426 (.126)	3
FLUX	2.4	965	0.90 (.03)	0.022 (.007)	2
		1928	0.50 (.05)	0.052 (.010)	3
P1216-10	M12-0/9				
RA	12 16 01.7	196	0.87 (.05)	0.029 (.005)	2
DEC	-10 02 00	392	0.57 (.04)	0.068 (.023)	2
FLUX	2.7	783	0.62 (.03)	0.180 (.009)	2
		1565	0.50 (.03)	0.415 (.023)	2
3C270	P1216+06				
RA	12 16 50.6	247	0.98 (.06)	0.046 (.004)	2
DEC	06 05 48	989	0.47 (.02)	0.092 (.047)	2
FLUX	17.9	1974	0.11 (.01)	0.211 (.010)	2
3C272.1					
RA	12 22 32.5	264	0.96 (.07)	-0.020 (.003)	2
DEC	13 09 55	528	0.89 (.02)	-0.024 (.003)	2
FLUX	6.3	1054	0.41 (.01)	-0.088 (.006)	2
		2106	0.28 (.01)	0.349 (.016)	2
VIR A	3C274				
RA	12 28 18.0	263	0.72 (.01)	0.011 (.003)	2
DEC	12 39 43	525	0.61 (.01)	0.043 (.007)	2
FLUX	210.0	1051	0.59 (.01)	0.061 (.007)	1
		2098	0.50 (.01)	0.137 (.008)	2
3C274.1					
RA	12 32 58.0	278	1.09 (.04)	0.012 (.004)	2
DEC	21 37 01	556	1.05 (.03)	0.025 (.006)	2
FLUX	3.0	1112	0.94 (.03)	0.020 (.006)	2
		2221	0.45 (.03)	0.054 (.013)	2

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
P1233+16				
RA 12 33 59.0	271	0.34 (.04)	-0.040 (.016)	2
DEC 16 49 42	542	0.87 (.04)	-0.145 (.009)	2
FLUX 2.2	1083	0.56 (.04)	-0.313 (.015)	2
	2162	0.31 (.03)	0.417 (.022)	3
P1249+09				
RA 12 49 10.9	255	1.28 (.08)	0.021 (.009)	1
DEC 09 12 12	510	1.10 (.05)	0.057 (.009)	2
FLUX 1.7	1019	0.99 (.05)	0.082 (.008)	2
	2036	0.59 (.04)	0.192 (.023)	3
3C278				
RA 12 51 59.1	188	0.99 (.02)	0.011 (.005)	1
DEC -12 17 15	376	0.93 (.03)	0.012 (.003)	2
FLUX 8.0	751	0.68 (.02)	0.001 (.005)	2
	1497	0.20 (.01)	-0.019 (.011)	2
P1313+07				
RA 13 13 46.0	250	0.99 (.05)	0.037 (.010)	2
DEC 07 17 48	501	0.98 (.06)	0.052 (.009)	2
FLUX 1.9	1001	0.69 (.04)	0.102 (.010)	2
	1999	0.23 (.03)	0.271 (.022)	3
3C285				
RA 13 19 06.0	287	1.08 (.04)	0.013 (.006)	2
DEC 42 50 35	575	0.88 (.05)	0.031 (.011)	2
FLUX 2.0	1149	0.68 (.04)	0.057 (.009)	2
	2295	0.36 (.04)	0.196 (.018)	2
3C287.1 P1330+02				
RA 13 30 21.0	237	0.97 (.03)	-0.011 (.009)	2
DEC 02 16 18	473	1.01 (.03)	-0.010 (.006)	2
FLUX 3.1	946	0.91 (.03)	-0.030 (.006)	2
	1890	0.79 (.03)	-0.059 (.019)	2
P1334-29 NGC5236				
RA 13 34 11.0	230	0.64 (.03)	0.002 (.010)	2
DEC -29 36 18	455	0.29 (.03)	-0.042 (.013)	2
FLUX 3.0	912	0.12 (.02)	-0.102 (.043)	2

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
3C292				
RA 13 49 16.3	256	0.83 (.12)	0.010 (.010)	2
DEC 64 44 01	512	0.77 (.04)	0.002 (.011)	2
FLUX 2.1	1024	0.04 (.03)	-0.405 (.105)	3
	2046	0.70 (.07)	-0.311 (.011)	2
3C293				
RA 13 50 03.1	287	1.03 (.02)	0.010 (.007)	2
DEC 31 41 32	575	0.90 (.03)	0.020 (.004)	2
FLUX 4.7	1149	0.76 (.02)	0.027 (.006)	2
	2296	0.74 (.03)	0.026 (.008)	3
3C296 P1414+11				
RA 14 14 28.1	259	0.83 (.02)	-0.026 (.006)	4
DEC 11 02 40	518	0.33 (.02)	0.004 (.016)	3
FLUX 4.4	1036	0.23 (.05)	0.124 (.018)	2
	2070	0.15 (.02)	0.020 (.020)	2
P1421-38				
RA 14 21 11.8	145	1.05 (.05)	0.051 (.013)	2
DEC -38 14 24	293	0.89 (.03)	0.119 (.011)	2
FLUX 2.3	579	0.84 (.03)	0.206 (.008)	4
P1427+07				
RA 14 27 32.0	251	0.68 (.04)	-0.038 (.007)	3
DEC 07 29 24	501	0.66 (.03)	-0.152 (.013)	3
FLUX 2.1	1003	0.36 (.04)	-0.363 (.015)	2
	2003	0.10 (.04)	0.379 (.082)	3
P1449-13 M14-1/19				
RA 14 49 56.7	185	0.58 (.03)	0.049 (.007)	3
DEC -13 00 30	369	0.98 (.03)	0.187 (.007)	3
FLUX 2.2	739	0.65 (.03)	0.398 (.007)	3
	1475	0.34 (.03)	-0.411 (.017)	3
3C310				
RA 15 02 48.0	283	0.75 (.02)	0.001 (.003)	3
DEC 26 12 36	567	0.33 (.01)	-0.016 (.007)	2
FLUX 7.8	1134	0.23 (.01)	-0.426 (.008)	2
	2264	0.02 (.01)	-0.138 (.076)	3

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
3C313 P1508+08				
RA 15 08 32.7	252	1.01 (.02)	0.024 (.003)	3
DEC 08 02 48	504	0.97 (.03)	0.047 (.005)	2
FLUX 3.8	1008	0.64 (.02)	0.086 (.006)	2
	2014	0.34 (.05)	-0.148 (.012)	2
3C315				
RA 15 11 31.3	284	1.01 (.04)	-0.030 (.004)	2
DEC 26 19 00	567	0.89 (.02)	-0.068 (.009)	2
FLUX 4.0	1134	0.46 (.02)	-0.140 (.007)	2
	2265	0.17 (.01)	-0.370 (.015)	3
P1514+00				
RA 15 14 06.3	231	0.96 (.03)	0.006 (.005)	2
DEC 00 26 06	462	0.65 (.03)	-0.006 (.008)	3
FLUX 2.6	925	0.12 (.02)	-0.050 (.029)	3
	1847	0.16 (.03)	0.043 (.036)	3
3C321				
RA 15 29 38.3	281	0.94 (.02)	0.032 (.003)	4
DEC 24 12 52	563	0.79 (.02)	0.010 (.005)	3
FLUX 3.6	1125	0.91 (.02)	-0.005 (.005)	3
	2247	0.86 (.03)	0.015 (.009)	2
P1556-21				
RA 15 56 08.0	150	0.58 (.04)	0.081 (.027)	2
DEC -21 32 12	300	0.12 (.02)	0.079 (.046)	3
FLUX 2.5	599	0.47 (.02)	0.009 (.007)	4
	1197	0.20 (.05)	0.022 (.021)	3
3C327 P1559+02				
RA 15 59 55.4	236	0.96 (.03)	0.008 (.004)	2
DEC 02 06 12	472	0.95 (.03)	0.020 (.008)	2
FLUX 9.1	944	0.91 (.02)	0.006 (.005)	2
	1886	0.59 (.02)	0.006 (.009)	2
P1602-09 M16-0/1				
RA 16 02 44.0	199	1.04 (.03)	0.002 (.004)	2
DEC -9 19 00	397	0.87 (.02)	-0.021 (.006)	2
FLUX 3.5	795	0.46 (.02)	0.005 (.030)	2
	1586	0.45 (.02)	0.250 (.013)	2

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
3C329				
RA 16 08 09.5	288	1.04 (.04)	0.049 (.007)	2
DEC 33 05 57	576	0.96 (.04)	0.059 (.009)	2
FLUX 2.0	1152	1.02 (.04)	0.171 (.006)	3
	2300	0.92 (.05)	0.331 (.013)	2
3C330				
RA 16 09 22.3	253	0.93 (.02)	-0.043 (.003)	2
DEC 66 04 56	506	0.94 (.02)	-0.079 (.004)	2
FLUX 7.4	1011	0.88 (.04)	-0.096 (.012)	2
	2019	0.76 (.02)	-0.217 (.006)	3
3C338				
RA 16 26 55.0	288	1.01 (.02)	-0.006 (.004)	2
DEC 39 39 36	577	0.94 (.02)	-0.005 (.005)	2
FLUX 3.6	1154	1.00 (.02)	-0.015 (.005)	3
	2304	0.88 (.04)	-0.053 (.010)	2
M16-2/5				
RA 16 28 36.5	255	0.94 (.05)	-0.025 (.012)	1
DEC -26 50 00	505	1.00 (.03)	-0.047 (.007)	2
FLUX 2.3	1010	0.97 (.04)	-0.125 (.010)	2
HER A 3C348				
RA 16 48 40.3	245	1.02 (.01)	0.017 (.002)	4
DEC 05 04 23	489	1.04 (.01)	0.023 (.003)	3
FLUX 45.3	979	0.95 (.02)	0.050 (.006)	4
	1952	0.67 (.02)	0.058 (.012)	3
3C349				
RA 16 58 05.3	284	0.99 (.03)	-0.013 (.004)	2
DEC 47 07 16	569	0.93 (.03)	-0.021 (.006)	2
FLUX 3.2	1138	0.68 (.02)	-0.019 (.007)	4
	2272	0.24 (.03)	-0.374 (.014)	3
3C353 P1717-00				
RA 17 17 55.3	227	0.97 (.01)	0.005 (.002)	4
DEC -0 55 44	454	0.89 (.01)	-0.006 (.001)	3
FLUX 57.3	908	0.78 (.01)	-0.032 (.004)	3
	1813	0.37 (.01)	-0.085 (.013)	3

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
P1722-02				
RA 17 22 00.	222	0.73 (.04)	-0.015 (.007)	1
DEC -2 39 06	886	0.26 (.03)	-0.249 (.018)	1
FLUX 3.5	1771	0.43 (.03)	0.452 (.019)	1
3C357				
RA 17 26 27.7	287	1.10 (.04)	-0.016 (.005)	2
DEC 31 48 25	575	1.15 (.03)	0.003 (.008)	2
FLUX 2.5	1150	0.98 (.03)	-0.008 (.006)	2
	2296	0.59 (.08)	-0.040 (.011)	2
3C358 SN1604				
RA 17 27 40.9	150	0.95 (.01)	0.017 (.003)	2
DEC -21 27 11	300	0.86 (.01)	0.014 (.001)	3
FLUX 16.3	601	0.57 (.01)	0.037 (.004)	3
	1199	0.15 (.01)	0.340 (.015)	2
M17				
RA 18 17 40.0	172	0.52 (.00)	0.010 (.002)	3
DEC -16 12 04	344	0.16 (.00)	0.023 (.002)	4
FLUX 490.0	688	0.04 (.00)	-0.464 (.004)	3
	1375	0.03 (.00)	-0.224 (.007)	3
3C382				
RA 18 33 12.5	288	0.88 (.03)	0.016 (.004)	2
DEC 32 38 58	576	0.71 (.02)	0.036 (.004)	3
FLUX 5.8	1151	0.19 (.02)	0.124 (.009)	3
	2299	0.39 (.02)	-0.413 (.010)	4
3C386 P1836+17				
RA 18 36 11.5	271	0.91 (.02)	0.009 (.005)	2
DEC 17 09 07	542	0.53 (.01)	0.035 (.007)	2
FLUX 7.0	1085	0.19 (.01)	0.441 (.009)	2
	2166	0.04 (.01)	0.174 (.031)	4
NRAO580				
RA 18 43 53.0	220	1.50 (.03)	0.032 (.004)	2
DEC -3 02 12	441	0.74 (.02)	0.030 (.004)	2
FLUX 7.1	881	0.35 (.02)	-0.028 (.009)	2
	1750	0.13 (.03)	-0.202 (.015)	2

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
3C390.3				
RA 18 45 47.0	213	0.84 (.01)	-0.018 (.003)	2
DEC 79 43 00	426	0.64 (.01)	-0.035 (.006)	2
FLUX 12.3	852	0.28 (.01)	-0.249 (.006)	2
	1700	0.31 (.01)	-0.420 (.011)	4
3C391				
RA 18 46 49.0	227	0.78 (.01)	-0.012 (.003)	2
DEC -0 58 48	454	0.45 (.01)	0.010 (.002)	2
FLUX 20.6	908	0.06 (.00)	0.180 (.011)	2
	1813	0.05 (.01)	-0.072 (.017)	4
3C396				
RA 19 01 39.0	245	0.78 (.01)	0.045 (.003)	3
DEC 05 21 40	490	0.22 (.00)	0.137 (.009)	3
FLUX 14.0	981	0.07 (.01)	-0.289 (.014)	3
	1959	0.02 (.00)	0.391 (.038)	2
3C402				
RA 19 40 22.7	281	0.59 (.02)	-0.037 (.005)	3
DEC 50 29 29	562	0.34 (.03)	-0.199 (.017)	2
FLUX 3.0	1124	0.06 (.02)	0.361 (.056)	3
	2245	0.09 (.02)	-0.462 (.034)	3
CTD116				
RA 19 47 12.0	284	0.73 (.04)	0.0 (.004)	2
DEC 26 43 30	568	0.48 (.01)	-0.012 (.019)	2
FLUX 5.6	1136	0.09 (.01)	0.185 (.023)	2
	2268	0.02 (.02)	0.407 (.146)	3
3C403 P1949+02				
RA 19 49 44.4	237	1.02 (.02)	0.004 (.003)	2
DEC 02 22 37	474	0.98 (.02)	0.015 (.003)	2
FLUX 5.6	948	0.82 (.02)	0.014 (.005)	2
	1893	0.60 (.02)	0.052 (.009)	2
4C37.57				
RA 20 14 04.0	289	0.61 (.01)	0.026 (.002)	5
DEC 37 02 54	577	0.24 (.01)	-0.007 (.007)	3
FLUX 9.0	1155	0.11 (.01)	-0.339 (.016)	4
	2306	0.10 (.01)	0.223 (.055)	2

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
P2032-35				
RA 20 32 37.5	176	0.98 (.02)	0.010 (.015)	2
DEC -35 05 06	351	0.91 (.02)	0.059 (.004)	4
FLUX 5.5	701	0.96 (.03)	0.110 (.009)	2
P2040-26				
RA 20 40 44.0	254	0.78 (.04)	-0.001 (.010)	2
DEC -26 43 48	507	0.22 (.03)	-0.063 (.018)	3
FLUX 2.3	1012	0.38 (.03)	-0.488 (.016)	2
P2058-28				
RA 20 58 41.0	240	0.58 (.01)	-0.022 (.003)	4
DEC -28 13 30	480	0.23 (.01)	-0.149 (.007)	3
FLUX 6.5	958	0.32 (.02)	0.400 (.008)	3
P2104-25				
RA 21 04 26.5	132	0.92 (.01)	0.021 (.003)	2
DEC -25 39 30	263	0.64 (.01)	0.036 (.003)	5
FLUX 11.4	526	0.27 (.01)	0.276 (.004)	4
	1052	0.17 (.01)	0.385 (.011)	4
4C29.63				
RA 21 21 35.0	286	0.93 (.03)	0.133 (.005)	2
DEC 29 57 54	573	1.00 (.03)	0.296 (.005)	3
FLUX 2.8	1146	0.83 (.03)	-0.436 (.005)	4
	2288	0.81 (.04)	0.170 (.010)	2
3C435 P2126+07				
RA 21 26 37.5	250	1.03 (.04)	-0.008 (.017)	2
DEC 07 20 00	501	0.92 (.03)	0.007 (.015)	3
FLUX 2.1	1001	1.02 (.03)	-0.062 (.005)	4
	1999	0.91 (.06)	-0.104 (.010)	2
P2135-14 M21-1/15				
RA 21 35 00.	178	0.84 (.02)	0.005 (.003)	4
DEC -14 46 30	356	0.87 (.02)	0.010 (.005)	3
FLUX 3.4	711	0.87 (.02)	0.017 (.004)	4
	1420	0.66 (.03)	0.040 (.009)	4
3C457 P2309+18				
RA 23 09 38.0	273	0.95 (.04)	0.014 (.005)	3
DEC 18 29 06	547	0.51 (.03)	0.029 (.013)	4
FLUX 1.9	1094	0.59 (.03)	-0.371 (.009)	3
	2184	0.11 (.03)	0.496 (.055)	3
3C458 P2310+05				
RA 23 10 19.3	244	1.05 (.02)	-0.012 (.008)	3
DEC 05 00 50	489	0.96 (.04)	-0.024 (.006)	3
FLUX 3.0	977	0.83 (.03)	-0.055 (.006)	2
	1951	0.36 (.02)	-0.169 (.011)	3

SOURCE VISIBILITY FUNCTIONS

SOURCE PARAMETERS	SOURCE OBSERVATIONS			
	SPACING N/S	VIS AMP	VIS PHASE	NO
3C436				
RA 21 41 58.0	285	1.08 (.03)	0.004 (.004)	2
DEC 27 56 33	570	1.03 (.02)	0.001 (.004)	3
FLUX 3.2	1140	0.62 (.02)	-0.002 (.006)	3
	2276	0.09 (.02)	0.403 (.032)	3
M21-1/23 P2154-18				
RA 21 54 23.0	163	0.63 (.03)	0.134 (.008)	2
DEC -18 28 18	326	0.47 (.02)	-0.096 (.011)	3
FLUX 2.7	651	0.64 (.06)	0.164 (.006)	3
	1300	0.09 (.18)	-0.284 (.155)	3
3C444 P2211-17				
RA 22 11 42.4	168	0.99 (.01)	-0.001 (.004)	2
DEC -17 16 32	335	0.87 (.02)	-0.004 (.003)	2
FLUX 9.2	671	0.68 (.01)	-0.028 (.004)	3
	1339	0.06 (.01)	-0.390 (.032)	3
3C442 P2212+13				
RA 22 12 20.0	265	0.84 (.03)	-0.010 (.005)	2
DEC 13 35 50	529	0.34 (.02)	-0.013 (.012)	3
FLUX 3.4	1058	0.11 (.02)	0.437 (.024)	3
	2113	0.07 (.02)	-0.022 (.051)	2
3C449				
RA 22 29 05.5	289	0.30 (.03)	0.002 (.013)	2
DEC 39 06 10	577	0.22 (.02)	-0.289 (.020)	3
FLUX 3.2	1154	0.30 (.03)	0.380 (.012)	2
	2305	0.22 (.02)	-0.228 (.028)	4
3C452				
RA 22 43 33.0	289	0.98 (.01)	-0.015 (.005)	3
DEC 39 25 39	577	0.96 (.02)	-0.028 (.003)	3
FLUX 10.7	1154	0.74 (.03)	-0.062 (.005)	2
	2305	0.21 (.01)	-0.135 (.010)	2
P2247+11				
RA 22 47 21.0	260	0.73 (.03)	0.056 (.008)	3
DEC 11 19 12	519	0.50 (.03)	0.196 (.012)	3
FLUX 2.3	1039	0.47 (.03)	0.402 (.009)	3
	2074	0.14 (.03)	-0.074 (.029)	3
3C465				
RA 23 35 54.8	284	0.62 (.01)	-0.003 (.003)	3
DEC 26 44 40	568	0.42 (.01)	0.147 (.004)	3
FLUX 7.7	1136	0.43 (.01)	0.373 (.006)	2
	2268	0.12 (.01)	-0.213 (.039)	3

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13. ABSTRACT

Observations with a North-South interferometer were made in 1966 using the two 90-foot paraboloids at the Owens Valley Radio Observatory to determine the strip-scan distribution in position angle 0° for a large number of extragalactic radio sources. The frequency of the observations was 1425 MHz. In conjunction with other data taken with an East-West interferometer (Fomalont 1967; hereafter called Paper I) and off-transit data taken in 1966 and 1967, two-dimensional structures can be deduced for the sources. These results will be published elsewhere (small-diameter sources, Fomalont and Moffet 1971; large-diameter sources, Fomalont 1971).

The list of the North-South visibility functions is given here. Only the large diameter sources (>60") are included. The visibility functions for the small-diameter sources can be inferred from the North-South diameter or the diameter limit given in Fomalont and Moffet (1971).

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